

ABSTRACT

The invention is an electrical connection system that releasably connects the circuit paths of a flexible conductive circuit to a printed circuit board having a corresponding row of contacts, without the need for soldering, crimping or welding operations, or extensive preparation of the flexible circuit before connection. One embodiment has at least one spring contact formed in a cover; at least one rotatable cam; and a base. The cover and base snap together to house the rotatable cam(s). The connection is made by feeding the circuit into a slot in the cam, then rotating the cam to bring the circuit into contact with the spring contact which has a tapered insulation plane that pierces and peels back the dielectric covering of the conductive circuit to make a direct metal to metal, gas tight contact between the deflectable contact and the conductors of the conductive circuit.